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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/896,240	06/29/2001	Victor Fielding	1359	9163
24118	7590	08/10/2004	EXAMINER	
HEAD, JOHNSON & KACHIGIAN 228 W 17TH PLACE TULSA, OK 74119			HYEON, HAE M	
			ART UNIT	PAPER NUMBER
			2839	

DATE MAILED: 08/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/896,240	<b>Applicant(s)</b> FIELDING, VICTOR	
	<b>Examiner</b> Hae M Hyeon	<b>Art Unit</b> 2839	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 May 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5,7,8,10-12 and 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5,7,8,10-12 and 14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 August 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of: .
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the further apparatus and the adapter in connection with the apparatus must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

The drawings do not show the physical structure of the electrical apparatus and the adaptor. Figure 1 of the drawings only shows a circuit diagram of the apparatus and the adaptor. Therefore, it is not clear whether the printed circuit board of the apparatus and the adaptor are two separate elements or made in one element. And it is not clear what is the apparatus and what is the adaptor

Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted

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by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### *Specification*

2. The disclosure is objected to because of the following informalities: On page 7, line 14, it seems that "county" should be -- country --.

Appropriate correction is required.

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

### *Claim Objections*

4. Claim 1 is objected to because of the following informalities:

- Claim 1, line 6, "the scart connection" should be -- the at least one scart connection -- because line 4 recites, "at least one scart **connection**."
- Claim 1, line 4, it seems that "at least one scart connection" should be -- at least one scart **connector** --.
- Claim 1, line 7, delete ",", after the word "apparatus."
- Claim 1, line 8, delete ",", after the word "connectors."
- Claim 1, line 11, "a phone" should be -- said phono --.

Appropriate correction is required.

5. Claim 14 recites the limitation "the printed circuit board" in line 3. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 112***

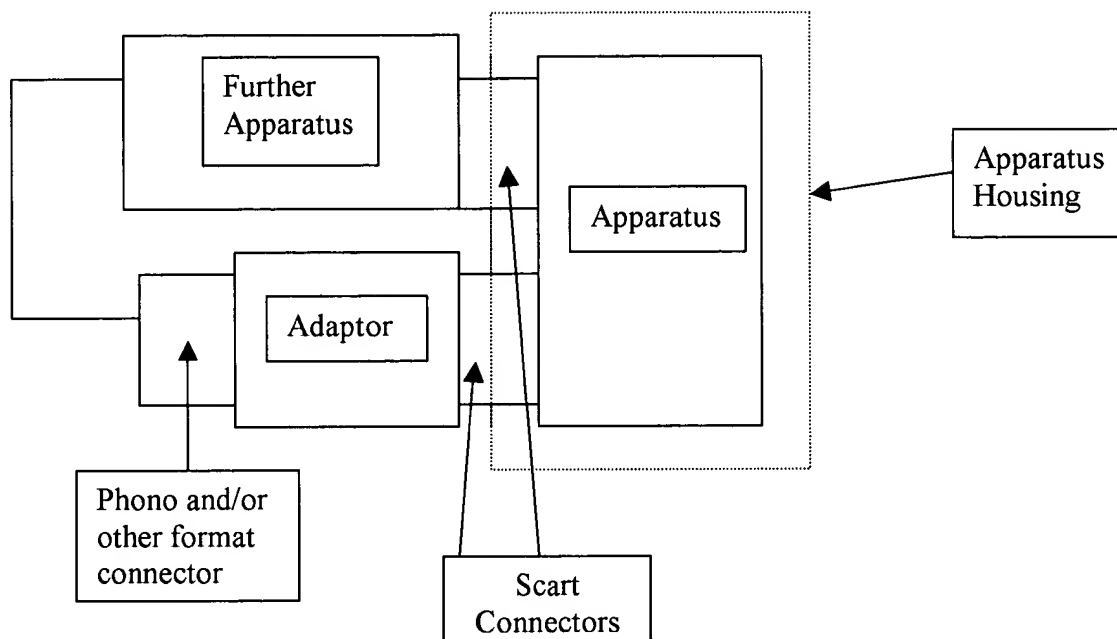
6. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

7. Claim 1 is rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for the further apparatus and the adaptor connecting to the apparatus, does not reasonably provide enablement for what the apparatus does. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to use the invention commensurate in scope with these claims.

Claim 1 recites that at least one scart connection of the printed circuit board is for the connection of further apparatus. Furthermore, the apparatus includes an adaptor having at least one scart connector for connection with the apparatus, which the examiner understood as one scart connector of the adaptor connecting with one scart connector of the printed circuit board of the apparatus. Lastly, claim 1 recites that the adaptor has at least one output connection for the selective connection thereto of phono and/or other format connectors from the further apparatus. Therefore, the apparatus makes connection with the further apparatus and makes another loop connection with the further apparatus through the adaptor (see below drawing). However, the examiner understood that the apparatus make connection with the further apparatus using one of the scart connector and makes connection with other devices other than the further apparatus using the adaptor having phono and/or other format connectors. Thus, it is unclear what the claim invention supposed to perform.

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8. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

9. Claims 1-5, 7, 8, 10-12 and 14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

- Claim 1, line 5, "said apparatus" is amended to recite -- said further apparatus --.

However, the same limitation in claims 11 and 14 are not amended to recite -- said further apparatus --.

- Claim 1 recites that the printed circuit board is provided with at least one scart connector for the connection of further apparatus for the transfer of data **between** said further

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apparatus. It is not clear data being transferred between what and the further apparatus.

The same problem exists in claims 11 and 14.

- Claim 2 recites, “a common printed circuit board configuration is used for said apparatus.” It is not clear what is a common printed circuit board since every circuit board has its own circuit traces depending on its use in an electronic device.
- Claim 5, line recites, “allow the attachment of scart connectors thereto by the user.” First, “the user” should be -- a user --. Second, it seems that the scart connectors recited in line 3 is not the scart connector of the printed circuit board. Therefore, it is not clear what are the scart connectors recited in line 3.
- Claim 11 recites that the printed circuit board has **at least one connector** of a first format connected to the printed circuit board and to allow the connection of further apparatus. It is not clear how the printed circuit board allows the connection of further apparatus when the at least one connector of the first format of the printed circuit board is connecting to the adapter having the connector of the first format.
- Claim 11 recites the limitation “the connector” in line 6. There is insufficient antecedent basis for this limitation in the claim. It seems that the connector is the connector of the printed circuit board. Since the printed circuit board has at least one connector, the line 6 should also recite “at least one connector.”
- The preamble of claim 14 recites, “An adaptor for use with electrical apparatus, **said apparatus comprising:**” The preamble should recite -- adaptor comprising: -- because the adaptor is the invention and not the apparatus. Furthermore, the body of claim also seems to be describing the structure of the apparatus instead of the structure of the

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adaptor. Thus, it is not clear whether claimed invention is the adaptor or the electrical apparatus.

***Conclusion***

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent No. 5,491,805 by Welmer, US Patent No. 5,507,668 by Lambrinos et al., US Patent No. 6,470,139 B2 by Austin, and US Patent No. 6,503,104 B1 by Yuga et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hae M Hyeon whose AU is 2839 and whose telephone number is 571-272-2093. The examiner can normally be reached on Mon.-Fri. (8:30-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D Feild can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

**Any response to this action may be mailed to:**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

For additional information regarding this new address, which was effective May 1, 2003, see *Correspondence with the United States Patent and Trademark Office*, 68 Fed. Reg. 14332 (March 25, 2003).

Hae M Hyeon  
Examiner  
Art Unit 2839

hnh

*hnh*

*Hae Moon Hyeon*